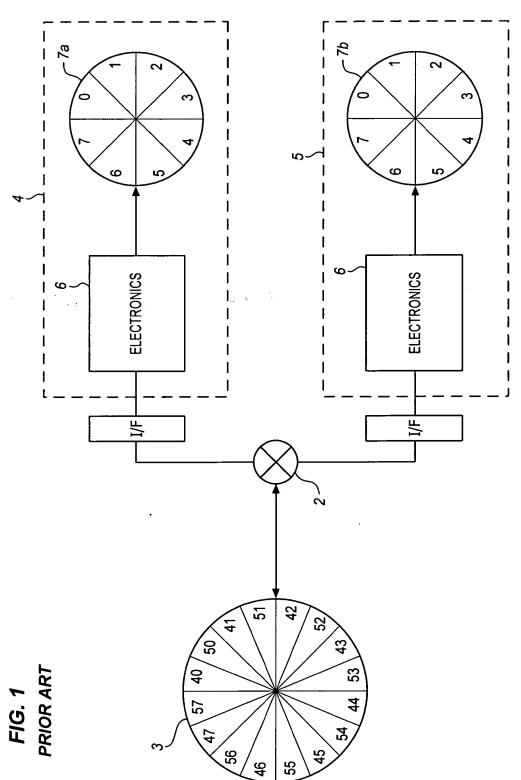
Title: "Virtualized Striping Controller" ama Application No.: 09/164,898 Docket No.: 042390.P3373 Blakely, Sokoloff, Taylor & Zafman 303-740-1980



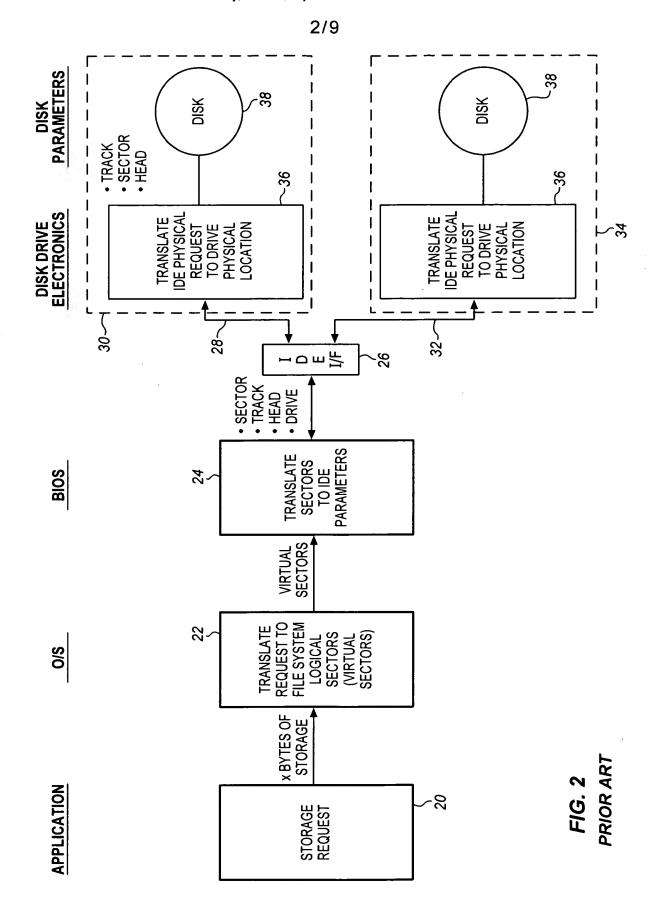


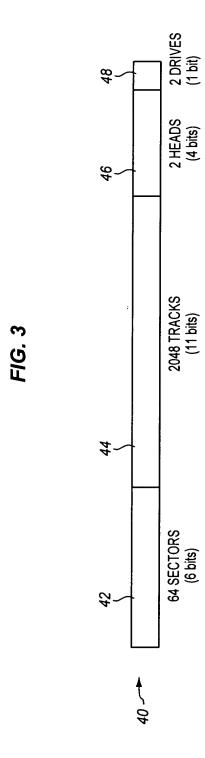


Title: "Virtualized Striping Controller"

Inventor: Akiyama Application No.: 09/164,898 Docket No.: 042390.P3373

Blakely, Sokoloff, Taylor & Zafman 303-740-1980



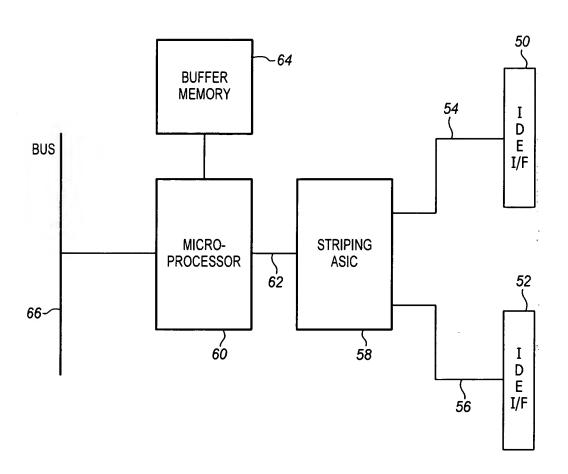


Title: "Virtualized Striping Controller" Application No.: 09/164,898 Dock Inventor: Akiyama Docket No.: 042390.P3373

Blakely, Sokoloff, Taylor & Zafman 303-740-1980

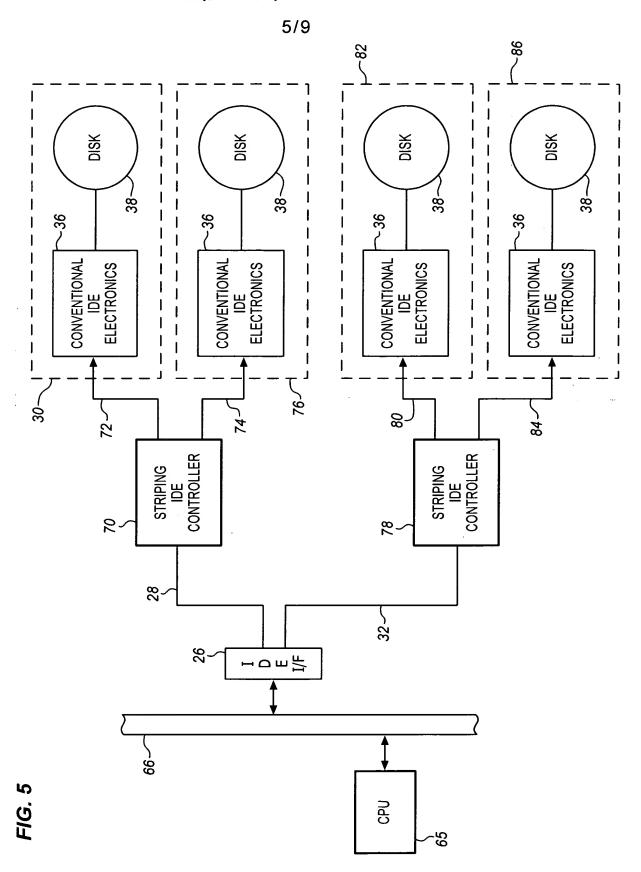
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FIG. 4 PRIOR ART



Title: "Virtualized Striping Controller" Application No.: 09/164,898 Dock Docket No.: 042390.P3373 Inventor: Akiyama

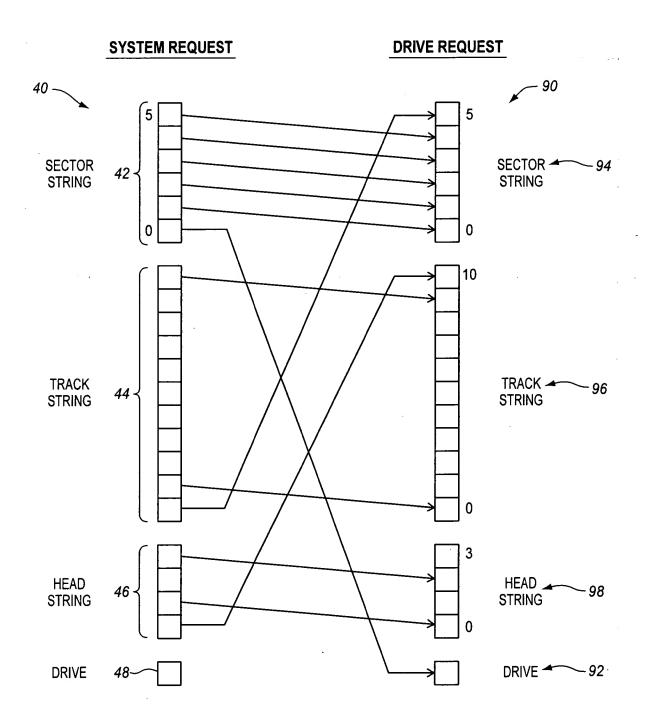
Blakely, Sokoloff, Taylor & Zafman 303-740-1980



Title: "Virtualized Striping Controller" Application No.: 09/164,898 Dock Docket No.: 042390.P3373 Inventor: Akiyama Blakely, Sokoloff, Taylor & Zafman 303-740-1980

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FIG. 6



Title: "Virtualized Striping Controller"

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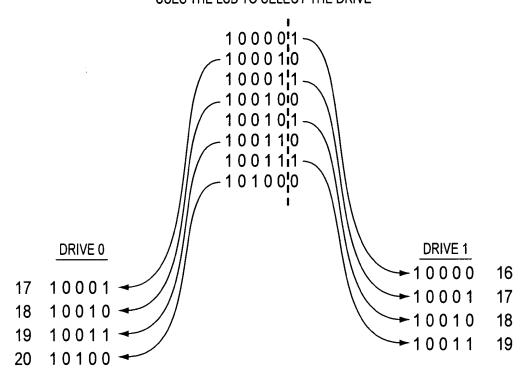
FIG. 7

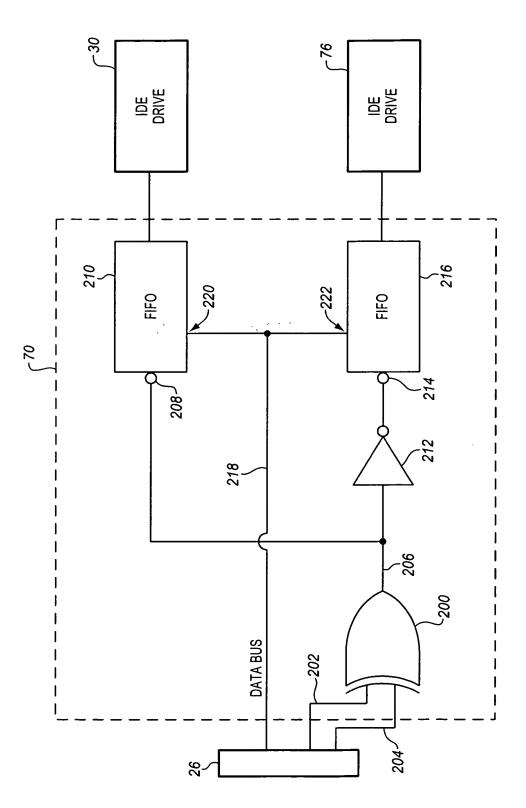
EXAMPLE ONE

THE O/S MAKES A REQUEST FOR 8 SECTORS OF DATA. STARTING WITH SECTOR 33. THE SECTORS REQUESTED (AND THEIR BITS SET) ARE:

	SECTOR ADDRESS				
33	100001				
34	100010				
35	100011				
36	100100				
37	100101				
38	100110				
39	100111				
40	101000				

OUR PROPOSAL SHIFTS THE SECTOR REQUEST RIGHT 1-BIT AND USES THE LSB TO SELECT THE DRIVE





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FIG. 9

		EVEN COUNT		ODD COUNT	
		DRIVE 0	DRIVE 1	DRIVE 0	DRIVE 1
ODD COUNT	START	0	0	0	0
	COUNT	0	0	+1	0
EVEN COUNT	START	+1	0	+1	0
	COUNT	0	0	0	+1